



COLLEGE of AMERICAN
PATHOLOGISTS

One-Day Symposium | June 19, 2026

Prenatal Serum Screening Symposium: Examining the Use of Race in Clinical Practice

Agenda and Speaker Biographies

College of American Pathologists | 325 Waukegan Rd. | Northfield, IL 60093 | 800-323-4040 | cap.org



Meeting: Prenatal Serum Screening Symposium: Examining the Use of Race in Clinical Practice
Date: June 19, 2026
Time: 8:30 AM–4:00 PM CT
Location: Zoom
Staff: Nicole E. Thomas, MPH, CT(ASCP) | p:847-832-7392 | nthomas@cap.org

Time	Session	Description	Speakers
8:30–8:45 AM	Welcome & Framing the Charge	About the CAP Council of Medical Specialty Societies (CMSS) Encoding Equity Grant Symposium Objectives	Ms. Nicole Thomas
8:45–9:45 AM	Session I: Research in Race in Prenatal Screening	Research findings from <ol style="list-style-type: none"> University of Washington and University of Texas Southwestern Medical Center Better Outcomes Registry & Network Ontario 	Dr. R. Nicholas Burns Dr. Shani Delaney Ms. Danna Hull Dr. Tianhua Huang
9:45–10:30 AM	Session II: CAP Evidence-based Guideline	Summary of systematic review and draft recommendations	Dr. Ann M. Moyer, FCAP
10:30–10:45 AM	Q&A		
10:45 AM–11:45 AM	Session III: Clinical Perspectives	Panel discussion of clinical and equity implications	Dr. April D. Adams Dr. Allison Allen Dr. Shani Delaney Moderated by Dr. Julie W. Lemmon, FCAP
11:45 AM–12:30 PM	Lunch		
12:30–1:30 PM	Session IV: Implementation Experiences	Panel discussion featuring experts who have modified or removed race adjustments	Dr. Lauren Merz Dr. Aaron Baugh Moderated by Dr. Kisha Mitchell Richards, FCAP



1:30–1:45 PM	Q&A		
1:45–2:00 PM	Consensus Question	What is the biggest barrier to removing race adjustments?	
2:00–2:15 PM	Break		
2:15–3:15 PM	Session V: Moving the Laboratory Forward	Research and laboratory experience from the University of Pennsylvania	Dr. Christina C. Pierre
3:15–3:30 PM	Q&A		
3:30–4:00 PM	Consensus Questions	What data/research is missing? What resources can the CAP provide to help move this work forward?	
4:00 PM	Adjourn	Closing remarks and next steps	Ms. Nicole Thomas



Prenatal Serum Screening Symposium Speaker Biographies



April Dione Adams, MD, MS

Baylor College of Medicine

Dr. April Adams is an Assistant Professor at Baylor College of Medicine, where she serves in both the Department of Molecular and Human Genetics and the Department of Maternal-Fetal Medicine. She is board certified in Obstetrics and Gynecology, Maternal-Fetal Medicine, and Medical Genetics.

In addition to her academic roles, Dr. Adams is the Program Director for the Maternal-Fetal Medicine Fellowship and the combined Maternal-Fetal Medicine/Medical Genetics Fellowship programs.

Dr. Adams's primary clinical practice encompasses both maternal and fetal genetics, with a focus on delivering care to underserved populations. Her research endeavors include exploring the impact of social determinants of health in reproductive genetics and identifying the genomic etiologies of stillbirth.



Allison Allen, MD

University of Iowa

Dr. Allison Allen is an Associate Program Director of the Maternal-Fetal Medicine Program and Clinical Assistant Professor of the Department of Obstetrics and Gynecology, Division of Maternal-Fetal Medicine at the University of Iowa. She is board certified in Obstetrics and Gynecology and Medical Genetics and Genomics.

Dr. Allen is passionate about providing empathetic and comprehensive care to pregnant patients and their families, who are experiencing complications of pregnancy.



Aaron Baugh, MD

University of California San Francisco

Dr. Aaron Baugh is a UCSF-trained pulmonary specialist dedicated to advancing the understanding of racial disparities in smoking-related lung disease, and of factors that contribute to optimal lung function. He currently serves as Chair of Pulmonology at the oldest and largest organization for Black physicians in the United States.



R. Nicholas Burns, MD

UT Southwestern Medical Center

R. Nicholas Burns, MD is a maternal-fetal medicine specialist. He is an Assistant Professor and Assistant Residency Program Director in the Department of Obstetrics and Gynecology at the University of Texas Southwestern Medical Center in Dallas, TX. He completed his residency at Brown University / Women and Infants Hospital of Rhode Island, and his fellowship at the University of Washington in Seattle. He co-authored a study in *Obstetrics & Gynecology* re-evaluating the use of race as a corrective factor in maternal serum AFP measurements. His other academic interests include medical education and applying emerging technologies to both medical education and obstetric care.



Shani S. Delaney, MD

University of Washington School of Medicine

Dr. Shani Delaney is a board-certified physician at the Maternal Fetal Medicine Clinic and the Birth Center at UWMC and a professor of Obstetrics and Gynecology and Maternal Fetal Medicine at UW School of Medicine. She is a Seattle Met Magazine Top Doctor and program director of UW's Maternal Fetal Medicine fellowship.

Dr. Delaney treats high-risk obstetric patients. She strives to create active partnerships with her patients to achieve the best possible outcomes.

Dr. Delaney earned her MD at UC San Francisco. She is board certified in Obstetrics & Gynecology as well as Maternal Fetal Medicine. Her clinical interests include prenatal diagnosis, genetic abnormalities, fetal therapies, and induction of labor.



Tianhua Huang, PhD

Better Outcomes Registry & Network Ontario

Dr. Tianhua Huang is an expert in prenatal screening with more than 25 years of experience in improving screening quality and program performance. She is a prenatal screening specialist with Prenatal Screening Ontario and a Research Associate Scientist in the Genetics Program, North York General Hospital in Toronto.

She trained in medicine and received a PhD in preventive medicine from Queen Mary, University of London. Her work has helped shape screening practices in Ontario, including the introduction of Enhanced First Trimester Screening. She has contributed to international and provincial committees, including CAP/ACMG Biochemical and Molecular Genetics Committee.

Her current research focuses on advancing prenatal screening for aneuploidies and preeclampsia.



Danna Hull, MSc, CCGC, CGC

Better Outcomes Registry & Network Ontario

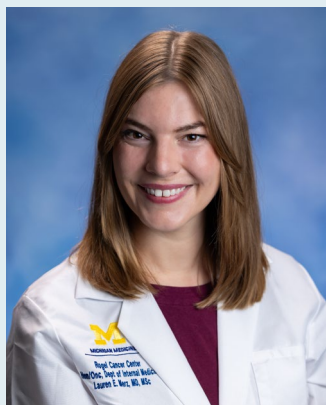
Danna Hull is a Canadian and American certified genetic counsellor with 18 years of clinical, programmatic, and leadership experience in medical genetics and prenatal screening in Canada. She holds a Master of Science in Genetic Counselling from McGill University and currently works with Prenatal Screening Ontario within BORN Ontario, where she supports province-wide prenatal screening operations, laboratory partnerships, quality assurance initiatives, clinician education, and research. As Co-Chair of BORN's Health Equity Advisory Group, her work centers on the safe, ethical, and meaningful collection and use of race, sociodemographic, and social determinant of health data to improve maternal and perinatal healthcare and outcomes. Prior to her role with PSO, Danna was a genetic counsellor at Kingston Health Sciences Centre, where she was the inaugural Lead Genetic Counsellor and served as an Adjunct Professor at Queen's University. Danna served as the 2023 President of the Canadian Association of Genetic Counsellors and remains actively involved in advancing the field through education and mentorship.



Julie W. Lemmon, MD, FCAP

JWL Pathology Services, PLLC

Dr. Julie Lemmon has been practicing community pathology for almost 20 years. She has served as the laboratory medical director and pathologist onsite at Sumner Regional Medical Center in Gallatin, TN since 2012. Her other hospital duties include leadership roles as Vice Chief and then Chief of Medical Staff from 2022-2025 and multiple other committees. Dr. Lemmon obtained her bachelor's degree in biology from the University of South Carolina and MD from the University of Tennessee Health Sciences Center. She completed a transitional internship at Tripler Army Medical Center in Honolulu, HI, and anatomic and clinical pathology residency at the National Capital Consortium (Walter Reed Army Medical Center and National Naval Medical Center). She started her career as a community pathologist at Eisenhower Army Medical Center in Augusta, GA where she served four years before separating from the Army and commencing her current position. Dr. Lemmon has been involved with the CAP since residency when she was a Junior member on the Toxicology Resource Committee. She is a member of the Engaged Leaders Network, has served on the Member Engagement Committee, and is currently Vice Chair of the Diversity, Equity, Inclusion, and Accessibility Committee. She has been a member of the House of Delegates since 2017 and is the current Chair of the Tennessee Delegation. Having a lifelong interest in the medical humanities, she has enjoyed returning to the classroom earning an ALM with a concentration in museum studies from the Harvard Extension School and an MA in the history of medicine from Johns Hopkins University. Dr. Lemmon is a firm believer that understanding the historical roots of problems in modern healthcare is essential when considering solutions. Pathologists, as physicians and healthcare leaders, have a uniquely broad perspective that merits a seat at the table where decisions are made about how and where we practice medicine.



Lauren Merz, MD

American Society of Hematology

Dr. Lauren Merz earned her MD and a Master's of Science in Clinical Research from the University of Michigan in 2019. She then completed internal medicine training at Brigham and Women's Hospital in Boston, MA before completing hematology/oncology fellowship at Dana-Farber Cancer Institute/Mass General Brigham. She was recruited to the University of Michigan in 2025 as a tenure-track Assistant Professor of Medicine in classical hematology. Her research interests focus on women's health and the Duffy null variant. Her work has established novel Duffy null-specific reference intervals for adults and pediatrics through international and multicenter domestic collaborations, including with the American Society of Hematology and the Doris Duke Foundation. She was instrumental in the development and acceptance of new ICD-10 codes for the 4 Duffy phenotypes. She has also assessed the impact of the Duffy variant on clinical trial eligibility as well as the impact of Duffy status on treatment response and outcomes in oncology.



Kisha Mitchell Richards, MD, FCAP

Greenwich Hospital

Dr. Kisha Mitchell Richards was born and raised in Montego Bay, Jamaica, earned her medical degree at the University of the West Indies, Mona, Kingston Jamaica and completed internships at the Cornwall Regional Hospital and the University Hospital of the West Indies (UHWI). She began her post graduate life in Anatomic Pathology at UHWI, then completed a residency in Anatomic and Clinical Pathology at the George Washington University School of Medicine, followed by fellowships in Forensic Pathology at the University of South Florida and in Gastrointestinal Pathology at the University of Pittsburgh Medical Center. Dr. Mitchell Richards is board certified in Anatomic and Clinical Pathology and Forensic Pathology by the American Board of Pathology. She started her career as a gastrointestinal and liver pathologist at Yale University School of Medicine, subsequently adding the practice of autopsy pathology at Yale, where she also became the Directory of Autopsy. In January of 2016, she joined the Pathology practice at Greenwich Hospital. Dr. Mitchell Richards has been the Director of Pathology and Clinical Laboratory Services there since February 2018. She also Chairs the Curriculum Committee of the College of American Pathologists (CAP), leading the Committee in their mission to develop programs that address the education needs of a spectrum of learners. In addition, as Chair of the CAP's Diversity, Equity Inclusion and Accessibility Committee, she leads the Committee's efforts to foster inclusion and belonging for pathologists and pathologists in training. She is the Chair of the Board of Trustees of the Long Ridge School, as well as the Chair of the Diversity, Equity, Inclusion and Belonging Committee of the Board and a member of the Board of the American Red Cross Metro NY North Chapter.



Ann M. Moyer, MD, PhD, FCAP

Mayo Clinic

Dr. Ann Moyer is a Professor of Laboratory Medicine and Pathology as well as Assistant Professor of Pharmacology at the Mayo Clinic where she is involved in clinical laboratory testing for pharmacogenomics, renal genetics, and genetic disorders of immune deficiency and dysregulation. After graduation from the University of Wisconsin-Platteville, Dr. Moyer completed the MD/PhD program, pathology residency, and molecular genetic pathology fellowship at Mayo Clinic. She is currently the Vice Chair leading the Hereditary Practice within the Division of Laboratory Genetics and Genomics, Department of Laboratory Medicine and Pathology, at Mayo Clinic. Dr. Moyer currently is a member of the College of American Pathologists Council on Scientific Affairs and the Economic Affairs Committee, and previously chaired the Molecular Cluster and the Biochemical and Molecular Genetics Committee. Her research interests mirror her clinical interests, with a special interest in pharmacogenomics and complement system genetics. Dr. Moyer has authored over 100 peer-reviewed manuscripts, as well as several book chapters.



Christina Colette Pierre, PhD, DABCC, FADLM

Perelman School of Medicine at the University of Pennsylvania

Dr. Christina Pierre is an American Board of Clinical Chemistry-certified clinical laboratorian, with over 10 years of laboratory medicine experience. She earned her PhD in molecular biology from McMaster University in 2015 and completed a 2-year fellowship in clinical chemistry at the University of Virginia in 2020. Dr. Pierre is currently an Assistant Professor in the Department of Pathology and Laboratory Medicine at the Perelman School of Medicine at the University of Pennsylvania. She is the Director of the Douglas B. Cines MD Special Coagulation Laboratory and Point of Care testing at the Hospital of University of Pennsylvania. Her scholarly work focuses on health equity in laboratory medicine. Dr. Pierre has held multiple professional roles related to health equity, diversity, equity, and inclusion. She served as the marketing and sponsorship coordinator of the Health Equity Division of the Association for Diagnostics and Laboratory Medicine from 2021 to 2024, and chair of the diversity, equity, and inclusion committee of the Association for Diagnostics and Laboratory Medicine from 2022 to 2024. In 2022 she was the recipient of an Outstanding Contribution Award from the Association for Diagnostics & Laboratory Health Equity and Access Division, and in 2024 she received a Presidential Citation for her work in advancing health equity, and diversity, equity, and inclusion from the Association for Diagnostics & Laboratory Medicine. Dr. Pierre has authored multiple articles on health equity and on the use of race in laboratory medicine.